



Full

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
MULLIS)
) **Art Unit: 1644**
Serial No. **10/754,456**)
) **Examiner: Not Yet Assigned**
Filed: **January 9, 2004**)
)
For: **CHEMICALLY PROGRAMMABLE**)
IMMUNITY)

INFORMATION DISCLOSURE STATEMENT

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Alexandria, VA 22313-1450

Sir:

The citation of information on the attached Form PTO-1449, "Information Disclosure Statement by Applicant" is made pursuant to 37 C.F.R. §§ 1.97 and 1.98. A copy of each cited item is enclosed unless stated otherwise hereinbelow.

Pursuant to 37 C.F.R. §1.98(d), inasmuch as this application relies on prior application Serial No. 10/696,770 filed October 29, 2003 and application Serial No. 10/178,046 filed June 21, 2002 for an earlier filing date under 35 U.S.C. § 120, no copy of any patent, publication or other information previously cited by or submitted to the Office in such prior application is being provided herewith.

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Sima Singadia Kulkarni
Sima Singadia Kulkarni - Reg. No. 43,732

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Respectfully submitted,

A handwritten signature in black ink, reading "Sima Singadia Kulkarni". The signature is written in a cursive, flowing style.

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Our Docket: 13139-0104 (44537-280131A)



Approved for use through 10/31/2002 OMB 0651-0031

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Sheet	1	of	2
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Complete if Known

Application Number	10/754,456
Filing Date	January 9, 2004
First Named Inventor	MULLIS
Group Art Unit	1644
Examiner Name	Not yet assigned
Attorney Docket Number	13139-0104 (44537-280131A)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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				Application Number	10/754,456
				Filing Date	January 9, 2004
				First Named Inventor	MULLIS
				Group Art Unit	1644
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	13139-0104 (44537-280131A)

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	3	FAMULOK, M., and MAYER, G. "Aptamers as Tools in Molecular Biology and Immunology." <i>Current Topics in Microbiology and Immunology</i> . 1999. Vol. 243, pp. 123-35. New York: Springer-Verlag, Inc.	
	4	ALEXANDER, H. ET AL.; "Altering the antigenicity of proteins"; <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, pp. 3352-3356, April 1992	
	5	GEYSEN, H. MARIO ET AL.; "Isotope or mass encoding of combinatorial libraries"; <i>Chemistry & Biology</i> , 1996, Vol. 3, No. 8, pp. 679-688	
	6	EDMUNDSON, ALLEN B. ET AL.; "Binding of peptides to proteins: an exercise in molecular design"; <i>1991 Host-guest molecular interactions: from chemistry to biology. Wiley, Chichester (Ciba Foundation Symposium 158)</i> ; pp. 213-230	
	7	SMITH, GEORGE; "Surface presentation of protein epitopes using bacteriophage expression systems"; <i>Current Biology Ltd.</i> , ISSN 0958-1669; pp. 668-673	
	8	RODDA, STUART J. ET AL.; "Multipin Technology in the Preparation and Screening of Peptide Libraries"; <i>Australasian Biotechnology</i> 3, pp. 346-347 (1993)	
	9	CARTER, J. MARK; "Epitope Mapping of a Protein Using the Geysen (PEPSCAN) Procedure"; <i>Methods in Molecular Biology Vol. 36: Peptide Analysis Protocols</i> ; pp. 207-223 (1994)	
	10	GYESEN, H. MARIO ET AL.; "Strategies for epitope analysis using peptide synthesis"; <i>Journal of Immunological Methods</i> , 102 (1987) 259-274	
	11	GEYSEN, H. MARIO ET AL.; "Use of Peptide Synthesis to Probe Viral Antigens for Epitopes to a Resolution of a Single Amino Acid"; <i>Proceedings of the National Academy of Sciences of the United States of America</i> ; Vol. 81, No. 13, [Part 1: Biological Sciences] (Jul. 1, 1984), 3998-4002	
	12	SCHULTZ, JANE S. ET AL.; "The Combinatorial Library: A Multifunctional Resource"; <i>Biotechnol. Prog.</i> , 1996, 12, 729-743	
	13	EDMUNDSON, A.B. ET AL.; "Principles and Pitfalls in Designing Site-Directed Peptide Ligands"; <i>PROTEINS: Structure, Function and Genetics</i> ; 16:246-267 (1993)	
	14	VALERIO, ROBERT M. ET AL.; "Multipin peptide synthesis at the micromole scale using 2-hydroxyethyl methacrylate grated polyethylene supports"; <i>Int. J. peptide Protein Res.</i> 42, 1993, 1-9	
	15	TRIBBICK, GORDON ET AL.; "Systematic fractionation of serum antibodies using multiple antigen homologous peptides as affinity ligands"; <i>Journal of Immunological Methods</i> , 139, (1991) 155-166	
	16	GALILI, URI ET AL.; "α-Gal and Anti-Gal α1,3-Galactosyltransferase, α-Gal Epitopes, and the Natural Anti-Gal Antibody"; <i>Subcellular Biochemistry</i> , Vol. 32, 1999, pp. 1-23	
	17	WAGNER, D.S.; "Ratio Encoding Combinatorial Libraries with Stable Isotopes and their Utility in Pharmaceutical Research"; <i>Combinatorial Chemistry & High Throughput Screening</i> , 1998, 1, 143-153	
	18	Janczuk, A. et al.; "α-Gal Oligosaccharides: Chemistry and Potential Biomedical Application"; <i>Current Medicinal Chemistry</i> , 1999, Vol. 6, pp. 155-164	

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